



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D5155-043
Job Sheet 192708



Part No: D5155-043

Job Qty: 1 pcs

Part Name: Co-Pilot Collective Head Assembly (212/412)



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 4/1/19

Job Tracking No:

Due Date: 4/15/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG REV B IPP REV:A 15.05.07 NEW ISSUE DD VERF:JLM IPP REV:B 15.07.02 AS PER DWG REV.B DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier	Sign-off
					Setup Hrs	Run Hrs		
110	Large Fab - Welded Assy-1	1 pcs	4/15/19	4/15/19	0.00	0.40	Large Fab - 1	<i>[Signature]</i>
							Large Fab - 10	
							Large Fab - 2	
							Large Fab - 3	
							Large Fab - 4	
							Large Fab - 5	
							Large Fab - 6	
							Large Fab - 7	
							Large Fab - 8	
							Large Fab - 9	
120	QC 9	1 pcs	4/15/19	4/15/19	0.00	0.00	QC 9 - 10	<i>[Signature]</i>
							QC 9 - 18	
							QC 9 - 24	
							QC 9 - 43	
							QC 9 - 50	
							QC 9 - 9	
130	QC 5	1 pcs	4/15/19	4/15/19	0.00	0.00	QC 5 - 10	<i>[Signature]</i>
							QC 5 - 12	
							QC 5 - 17	
							QC 5 - 18	
							QC 5 - 19	
							QC 5 - 22	
							QC 5 - 24	
							QC 5 - 3	
							QC 5 - 43	
							QC 5 - 49	
							QC 5 - 51	
							QC 5 - 58	
							QC 5 - 68	
							QC 5 - 9	



Container No: S172609



Part: D5155 - 043

Job No: 192708

Serial No/Batch: S172609

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaero.com

Date: 04/15/19

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				QC 5 - 50	
				QC 5 - 30	
				QC 5 - 40	
140	Outsource - 4 - Anodize	1 pcs	4/15/19	ATG001-VC	10
150	Packaging 2-1 - Receive - B4B	1 pcs	4/15/19	0.00 0.00	Packaging 2 - 1 - B4B
					Packaging 2 - 2 - B4B
					Packaging 2 - 3 - B4B
					Packaging 2 - 5 - B4B
					Packaging 2 - 4 - B4B
					Packaging 2 - 6 - B4B
					Packaging 2 - 7 - B4B
					Packaging 2 - 8 - B4B
					Packaging 2 - 9 - B4B
					Packaging 2 - 10 - B4B
					Packaging 2 - 11 - B4B
					Packaging 2 - 12 - B4B
					Packaging 2 - 13 - B4B
					Packaging 2 - 14 - B4B
					Packaging 2 - 15 - B4B
					Packaging 2 - 16 - B4B
					Packaging 2 - 17 - B4B
					Packaging 2 - 18 - B4B
					Packaging 2 - 19 - B4B
					Packaging 2 - 20 - B4B
					Packaging 2 - 21 - B4B
					Packaging 2 - 22 - B4B
					Packaging 2 - 23 - B4B
					Packaging 2 - 24 - B4B
					Packaging 2 - 25 - B4B
					Packaging 2 - 26 - B4B
					Packaging 2 - 27 - B4B
					Packaging 2 - 28 - B4B
					Packaging 2 - 29 - B4B
					Packaging 2 - 30 - B4B
					Packaging 2 - 31 - B4B
					Packaging 2 - 32 - B4B
					Packaging 2 - 33 - B4B
					Packaging 2 - 34 - B4B
					Packaging 2 - 35 - B4B
					Packaging 2 - 36 - B4B
160	QC 6	1 pcs	4/15/19	0.00 0.00	QC 6 - 9
					QC 6 - 68
					QC 6 - 61
170	Small Fab - 2 - B4B	1 pcs	4/15/19	0.00 1.04	Small Fab - 1 - B4B
					Small Fab - 2 - B4B
					Small Fab - 3 - B4B
					Small Fab - 4 - B4B
					Small Fab - 5 - B4B
					Small Fab - 6 - B4B
					Small Fab - 7 - B4B
180	QC 5	1 pcs	4/15/19	0.00 0.00	QC 5 - 10
					QC 5 - 12
					QC 5 - 17
					QC 5 - 18
					QC 5 - 19
					QC 5 - 22
					QC 5 - 24
					QC 5 - 3
					QC 5 - 43

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					QC 5 - 49	
					QC 5 - 51	
					QC 5 - 58	
					QC 5 - 68	
					QC 5 - 9	
					QC 5 - 50	
					QC 5 - 30	
					QC 5 - 40	
						DAS MAY 01 2019 40 9-89
190	Packaging 3-1 - Stock - B4B	1 pcs	4/15/19	0.00 0.00	Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
					Packaging 3 - 36 - B4B	
						DAS 21 9-89
200	QC 21 - SA	1 pcs	4/15/19	0.00 0.00	QC 21 - SA - 21	
					QC 21 - SA - 70	
					QC 21 - SA - 53	
						MAY 01 2019

Part Op 110 - Weld per dwg A/R Aluminum rod Batch: _____

- Descriptions:
- 120 - QC9- Inspect visual per QSI004- Fusion Welds
 - 130 - QC5- Inspect part completeness to step on W/O
 - 140 - Anodize Black as per Dwg D5155 Rev. B
 - 150 - Receive & Inspect for Damage & Mat'l Certs
 - 160 - QC6- All purchased or subcontracted products
 - 170 - Small Fab
 - 180 - QC5- Inspect part completeness to step on W/O
 - 190 - Identify as per dwg & Stock Location: _____
 - 200 - QC21- Final Inspection - Work Order Release

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Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D4410-7	Conduit	1 pcs (1 ea)	110-Large Fab - Welded Assy-1	
D5155-3	Co-Pilot Collective Head (212)	1 pcs (1 ea)	110-Large Fab - Welded Assy-1	
90296A108	Heli-Coil Insert <i>GACCI</i>	11 Ea (11 ea)	170-Small Fab - 2 - B4B	<i>5097103</i>
D5155-11	Co-Pilot Collective Head (212) <i>ST375</i>	1 pcs (1 ea)	170-Small Fab - 2 - B4B	<i>5169074</i>
D5156-11	Back Plate <i>ST575</i>	1 pcs (1 ea)	170-Small Fab - 2 - B4B	<i>5145942</i>
MS16562-223	Spring Pin <i>ST314p</i>	2 Ea (2 ea)	170-Small Fab - 2 - B4B	<i>MS135536</i>
MS24693-24B	Screw <i>ST288</i>	7 pcs (7 ea)	170-Small Fab - 2 - B4B	<i>5155668</i>

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
110-Large Fab - Welded Assy-1	D4410-7	1	6	0
	D5155-3	1	0	0
170-Small Fab - 2 - B4B	90296A108	11	100	0
	D5155-11	1	0	0
	D5156-11	1	16	0
	MS16562-223	2	15	0
	MS24693-24B	7	92	0

Part Specifications

Specifications could not be found.

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Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QS1042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					



Dart Aerospace Ltd.
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K6A 1K7
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Tel (613) 632-5200

PURCHASE ORDER

POHB043267



Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

Attention: Grenon, Sylvie

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB043267

PO Date: 4/23/19

Due Date: 4/26/19

**Purchase Order
Revision:**

Revision Date:

Ship-To Contact: Phone:

Via: Ground

Pymt Terms: Net 60

Freight Terms:

Special Comments:

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	192708	D5155-043	Co-Pilot Collective Head Assembly (212/412) : Various STC's Anodize Black as per Dwg D5155 Rev. B	Firmed	-	4/26/19	3 pcs	0 pcs	3 pcs	\$2.2641/pcs	\$6.79
Line Item Note *** RUSH - RUSH - RUSH *** NEED BACK ASAP											
2	192416	SWA6A-700	Wire Clamp (Outsource process- Anodize per QSI017 4.1.10.1) -Issue P/O to GROUPE ALTECH; PO -ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 2 CLASS 2, Water sealant -Material type; 6061T6 -Certificate of Conformity is required	Firmed	-	4/26/19	20 pcs	0 pcs	20 pcs	\$2.2641/pcs	\$45.28



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PURCHASE ORDER

POHB043267



Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
3	192682	SWA3-300	Wire Clamp (Outsource process- Anodize per QSI017 4.1.10.1) -Issue P/O to Groupe Atlech: -ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 3 CLASS 2, Water sealant -Certificate of Conformity is required	Firmed	-	4/26/19	30 pcs	0 pcs	30 pcs	\$2.2641/pcs	\$67.92

30 x

APR 30 2019

Grand Total: \$120.00

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 4/24/19 8:34 AM dart.Lussier.Patrick



Certificat de Conformité / Certificate of Compliance

(018683-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
 Tel: 514-335-3666 Fax: 514-335-3868
 www.groupaltech.com

Bon de Livraison / Packing Slip

018683- 1

Livré à / Ship to

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.	Bon de commande Client Customer Purchase Order No.				
26-Apr-2019		Jessie Boisvert		POHB043267				
#Ligne Line#	No. de Série / # Pièce Part Number / Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	À venir/ Back Order
1	D5155-043 Rev.	D5155-043 01 -ANO-BLACK [ANODIZE BLACK]	ANODIZE CH	3	3	0	0	0
2	SWA6A-700 Rev.	SWA6A-700 01 -ANO-BLACK [ANODIZE BLACK] MIL-A-8625F TYPE 3 CLASS 2	ANODIZE CH	20	20	0	0	0
3	SWA3-300 Rev.	SWA3-300 01 -ANO-BLACK [ANODIZE BLACK] MIL-A-8625F TYPE 3 CLASS 2	ANODIZE CH	30	30	0	0	0

Notes Additionnelles / Additional Notes

Epaisseur réelle
Actual Thickness

Inspecteur Qualité
Quality Inspector

Réçu par
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
 Our financial and legal responsibility will not be higher than the amount of invoice.